



Features & Benefits

- Most user friendly RF Cable Builder application in the market
- Now featuring our VITA 67.1/2 & VITA 67.3 contacts
- Over 300 connector and cable combinations available
- Instantly view datasheet, pricing & technical specs
- Custom configurations available for both Ø.047 & Ø.085 cable types
- Lengths are available from 3" to 99"
- 24/7 online order placement
- High frequency performance up to 67 GHz
- Ships in 10 business days!*

Applications















- Quick turn prototypes
- Military/Aerospace
- Test & Instrumentation



Ships in 10 Business Days!

*Exceptions apply for orders of 25+ pieces or when a PO is issued

Cable & Connector Options

Cable Type	Connector Type					
Ø.047 Flexible Coax 	1.85mm  Male	2.4mm  Male	SMP  Female	SMPM  Female	SMPS*  Female	VITA  Female 67.1/2
Ø.085 Flexible Coax 	2.92mm  Male	SMA  Male	SMP  Female R/A	SMPM  Female R/A	SMPS*  Female R/A	VITA  Female 67.3

*SMPS only compatible with Ø.047 cable type

Step 1:

Build your cable assembly by choosing your connectors and cable type, specifying length (tolerance to $\pm 0.10''$) and hitting 'Submit'



Cable length inches

Step 2:

Access your customized datasheet, view pricing information and proceed to checkout

ROHS COMPLIANT

PRODUCT DATA DRAWING

Render of cable assembly

RP 16.0 ± 0.2 RP

MATERIAL:

CONNECTORS: SMPM R/A Female (3222-40005)
2.92 mm Male (SF1511-60071)

CABLE: Flexible \varnothing .085 Cable

SHRINK TUBING: M23053/5

PERFORMANCE:

IMPEDANCE: 50 Ohms

FREQ. RANGE: DC to 32 GHz

VSWR: 1.3:1 Max, DC to 18.0 GHz
1.5:1 Max, 18.0 + GHz

INSERTION LOSS: 4.03 dB Max.

NOTES:

1. See individual data drawings for connector specifications
2. Dimensions shown are in inches
3. Cables will be matched within ± 5 ps per lot

Quick links to connector pages

Customized performance specs

Cable assembly's title and part number

Delay Matching specification (if requested)

SV MICROWAVE Amphenol 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
TITLE:	SMPM R/A Female to 2.92 mm Male 16" Cable Assembly for \varnothing .085 Cable
DWG. NO.	FRSMPM-085-MS292-160
DRAWN	2019-10-25 09:06:11

Additional features:

- Easy print & share options
- Partial list of recommended mating connectors
- Bill of Materials and connector datasheets available
- 24/7 online order placement